Patent
Docket No. 070702008020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Xing SU et al.

Serial No.: 10/660,902

Filing Date: September 12, 2003

For: METHODS TO INCREASE NUCLEOTIDE SIGNALS BY RAMAN SCATTERING

Examiner: A. M. Bertagna

Group Art Unit: 1637

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the non-patent literature documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Supplemental Information Disclosure Statement is submitted with the filing of a Request for Continued Examination under § 1.114; accordingly, no fee or separate requirements are required.

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 070702008020.

Dated: February 14, 2007

Respectfully submitted,

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va-193151

ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/660,902
Filing Date	September 12, 2003
First Named Inventor	Xing SU
Art Unit	1637
Examiner Name	A. M. Bertagna
Attorney Docket Number	070702008020

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	1.	Berger & Kimmel, Guide to Molecular Cloning Techniques Academic Press, New York, NY. 1987	
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	3.	Holmstrom et al. (1993). "A Highly Sensitive and Fast Nonradioactive Method for Detection of Polymerase Chain Reaction Products," *Analytical Biochemistry* 209:278-283.	
	4.	Running et al. (1990)"A Procedure for Productive Coupling of Synthetic Oligonucleotides to Polystyrene Microtiter Wells for Hybridization Capture," *BioTechniques* 8:276-277	
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	7.	Craighead (2000). "Nanoelectrical Systems," *Science* 290:1532-1536	
	8.	Woolley and Mathies. (1994). "Ultra-high-speed DNA fragment separations using microfabricated capillary array electrophoresis chips," *PNAS* 91:11348-11352.	
	9.	Effenhauser et al. (1994). "High-Speed Separation of Antisense Oligonucleotides on a Micromachined Capillary Electrophoresis Device," *Analytical Chemistry* 66:2949-2953.	
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Examiner Signature		Date Considered	

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Examiner Name	A. M. Bertagna
Attorney Docket Number	070702008020

		Microfluidic Systems in PDMS by Rapid Prototyping," *Anal. Chem.* 72:3158-3164, 2000.	
	13.	Townsend and Tipson, eds. (1978). Nucleic Acid Chemistry: Improved and new synthetic Procedures, Methods, and Techniques, Part One. John Wiley & Sons, Inc.: New York City, NY, pp. v-xv Table of Contents.	
	14.	Walker et al. (1999). "Mechanical Manipulation of Bone and Cartilage cells With 'Optical Tweezers'," *FEBS Lett.* 459:39-42	
	15.	Bennik et al.(1999). "Single-Molecule manipulation of Double-Stranded DNA Using Optical Tweezers: Interaction Studies of DNA with RecA and YOYO-1,"*Cytometry* 36:200-208	
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	17.	Smith et al. (1999). "Inexpensive Optical Tweezers for Undergraduate Laboratories," *Am. J. Phys.* 67:26-35	

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